At the end of this course, participants will:

- Understand the structure and rationale behind the energy code
- Be able to differentiate the various compliance pathways and understand the requirements for compliance
- Sharpen communication and coordination practices as related to clients, the design team, code officials and the construction team to remove barriers to compliance
- Understand the interdependence of the building envelope, mechanical and lighting systems and their impacts on energy consumption

And finally, inspire design professionals to build above code minimum.

PART 1: OVERVIEW

1. Introduction: Energy Code Basics
   - Benefits and Trends
   - Basic Parameters

2. Energy Codes are a Systems-Based Approach
   - Whole Building Design
   - Systems regulated by code:
     - Building Envelope
     - Mechanical and Service Water Heating
     - Electrical Power and Lighting Systems

3. Coordination and Communication
   - Team Communication
   - Integrated Design Approach
PART 2: COMMERCIAL ENERGY CODE PROVISIONS

1. Compliance
   - Overview and Definitions
   - Selecting Compliance Paths

2. Prescriptive Path
   - Building Envelope Requirements
   - Building Mechanical Systems
   - Service Water Heating
   - Electric Power and Lighting Systems
   - Additional Efficiency Package Options

3. Total Building Performance

4. Existing Buildings

PART 3: DOCUMENTATION AND INSPECTIONS

1. Introduction

2. Compliance
   - Plan Review & Documentation
   - Supporting Documentation
   - Progress Inspections

3. Common Objections

4. Local Laws

5. Resources